



ProPel[®] DP

HIGH-RANGE WATER-REDUCING ADMIXTURE FOR HIGH PERFORMANCE CONCRETE

DESCRIPTION:

ProPel DP is a ready to use aqueous solution of polycarboxylate based complex compounds. **ProPel DP** enhances the performance of plastic *and* hardened concrete. **ProPel DP** is manufactured under rigid quality control measures to provide uniform, reliable results.

USES:

ProPel DP is recommended for precast concrete mixes where reduced water content, improved, improved cement performance and very high early and ultimate strengths are desirable.

ProPel DP can be an effective tool for producing Self-Consolidating Concrete (SCC), with spreads in excess of 28”.

ADVANTAGES:

- Improves the quality of concrete by decreasing water-cement ratio up to 30%
- Improves workability, placeability and consolidation
- Improves mix cohesiveness
- Enables Self-Consolidating Concrete (SCC)
- Improves cement hydration and maximizes cement performance
- Dramatically increases early and ultimate compressive and flexural strengths



- Reduces placing & consolidation time and labor expense
- Reduces vibration related issues
- Improves formed surfaces
- Reduces permeability
- Increases relative durability – resists damage caused by freezing and thawing
- Improves resistance to sulfate attack

DOSAGE RATE:

ProPel DP is recommended for use at a dosage rate of 7 to 14 fluid ounces per 100 pounds of cement.

Because local job conditions vary, please contact a Pro Mix technical sales representative for further assistance if using outside recommended dosage ranges, or if special application needs exist.

SPECIFICATIONS:

Conforms to ASTM C 494 Type A and F
ASTM C-1017 Type 1
AASHTO M 194 Type A and F
CRD C 87 Type A and F

TECHNICAL NOTE:

ProPel DP does not contain any purposely added calcium chloride or other chloride based components. It will not promote or contribute to corrosion of reinforcing steel in concrete.

COMPATIBILITY:

ProPel DP is compatible with all types of Portland cement, class C and F fly ash, slag, micro silica, fibers and approved air entraining admixtures. **ProPel DP** can be used in all white, colored, and architectural concrete. For best results, each admixture must be dispensed separately into the concrete mix.

STORAGE:

ProPel DP may freeze at temperatures below 35 F (2 C). Although freezing does not harm **ProPel DP**, precautions should be taken to protect it from freezing. If it should happen to freeze, thaw and reconstitute with mechanical agitation. **Do Not Use Pressurized Air For Agitation.**

PACKAGING:

55-gallon drums and bulk deliveries.



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